

Title (en)

UNIT AND METHOD FOR FORMING/ADVANCING A PACK OR A PORTION OF A PACK

Title (de)

EINHEIT UND VERFAHREN ZUM HERSTELLEN/VORSCHIEBEN EINER VERPACKUNG ODER EINES TEILS EINER PACKUNG

Title (fr)

UNITÉ ET PROCÉDÉ POUR FORMER/AVANCER UN PAQUET OU UNE PARTIE D'UN PAQUET

Publication

EP 3254979 A1 20171213 (EN)

Application

EP 16173633 A 20160609

Priority

EP 16173633 A 20160609

Abstract (en)

There is described a unit (1) for forming/advancing at least one pack (3) or at least one portion of a pack (3), comprising: a frame (12a, 12b), at least one carriage (14, 14b), which is movable along a path (13a, 13b) with respect to frame (12a, 12b) and is adapted to form/advance said pack (3) or said at least one portion of a pack (3), an electromagnetic stationary device (50), at least one tag (52a, 52b) carried by carriage (14a, 14b), and wireless communication means (51) configured to establish a bidirectional communication between stationary device (50) and tag (52a, 52b).

IPC 8 full level

B65B 51/30 (2006.01); **B65B 57/00** (2006.01)

CPC (source: EP US)

B29C 65/02 (2013.01 - EP US); **B29C 65/74** (2013.01 - EP US); **B29C 66/1122** (2013.01 - EP US); **B29C 66/4312** (2013.01 - EP US); **B29C 66/72321** (2013.01 - EP US); **B29C 66/72328** (2013.01 - EP US); **B29C 66/73921** (2013.01 - EP US); **B29C 66/82263** (2013.01 - EP US); **B29C 66/8244** (2013.01 - EP US); **B29C 66/8351** (2013.01 - EP US); **B29C 66/849** (2013.01 - EP US); **B29C 66/91231** (2013.01 - EP US); **B29C 66/95** (2013.01 - EP US); **B29C 66/9672** (2013.01 - EP US); **B29C 66/9674** (2013.01 - EP US); **B65B 9/2014** (2013.01 - EP US); **B65B 51/306** (2013.01 - EP US); **B65B 57/00** (2013.01 - EP US); **B65B 65/00** (2013.01 - EP US); **B29C 66/71** (2013.01 - EP US); **B29L 2031/7166** (2013.01 - EP US); **B65B 9/207** (2013.01 - EP US); **B65B 55/103** (2013.01 - EP US); **B65B 2051/105** (2013.01 - EP US)

Citation (search report)

- [XY] US 2011088351 A1 20110421 - ZEILER BERNHARD [US], et al
- [Y] WO 0075603 A1 20001214 - INT PAPER CO [US]
- [A] EP 0887269 A1 19981230 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- [Y] US 2006049250 A1 20060309 - SULLIVAN MICHAEL S [US]
- [Y] WO 2006068999 A2 20060629 - TEMPTIME CORP [US], et al

Cited by

EP3643483A1; GB2590432A; GB2590432B; US11548238B2; WO2021028117A1; WO2020083637A1; US11820540B2; EP3779394A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3254979 A1 20171213; **EP 3254979 B1 20181219**; CN 109153469 A 20190104; CN 109153469 B 20200324; JP 2019518676 A 20190704; JP 7023869 B2 20220222; US 10843414 B2 20201124; US 2019308375 A1 20191010; WO 2017211688 A1 20171214

DOCDB simple family (application)

EP 16173633 A 20160609; CN 201780028732 A 20170601; EP 2017063341 W 20170601; JP 2018564207 A 20170601; US 201716308066 A 20170601